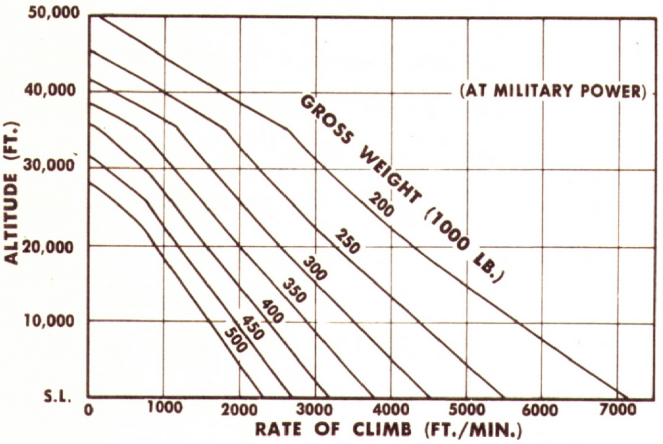
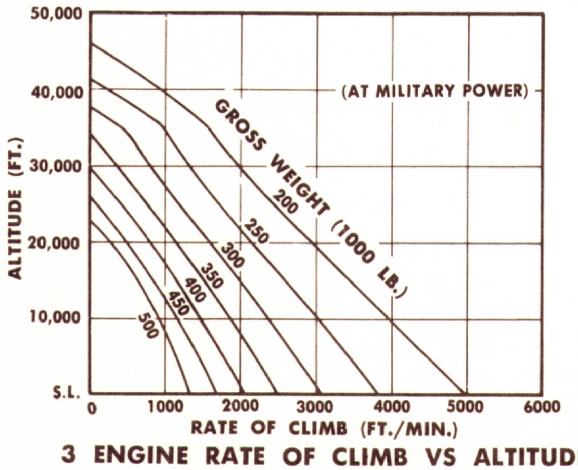


4 ENGINE RATE OF CLIMB VS ALTITUDE

The four-engine enroute climb with military power is shown in this figure. The rate of climb is essentially the same for both the cargo and refueler versions. The climbing speed varies from 272 kn. at sea level to 355 kn. above 35,000 ft. or is 1.2 V_{stall} for weights and altitudes where the basic variation is below 1.2 V_{stall}.



3 ENGINE RATE OF CLIMB VS ALTITUDE

This figure shows the three-engine enroute rates of climb with military power. The inoperative engine is closed off and propeller feathered. Drag is included for control deflection necessary to counteract asymmetric thrust due to having one engine out and propeller feathered. The climbing speed varies from 229 kn. at sea level to 300 kn. at 35,000 ft. or 1.2 V_{stall} for weight and altitudes where the basic variation is below 1.2 V_{stall}.